

65899-0650

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application:

In re application of: Thomas M. Lill

Applicant: Thomas M. Lill

Serial No.: unknown

Serial No.: 09/730,992

Filed: Herewith

Filed: December 6, 2000

Examiner: Lefkowitz / Gr. 2632


For: TIRE PRESSURE MONITOR AND LOCATION IDENTIFICATION
SYSTEM AND METHOD

Attorney Docket No.: 65899-05650

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.10)

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Signature

Date: January 9, 2002 Diane R. Lytle

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the application as follows prior to examination on the merits.

IN THE SPECIFICATION

Please add the following new paragraph on page 1:

This is a continuation application of co-pending application number 09/730,992 filed on December 6, 2000.

IN THE CLAIMS

Please cancel original claims 1-22 and add the following new claims:

**23. A tire pressure monitor system for a vehicle, comprising:
a means for receiving and transmitting pressure data relating to a vehicle
tire; and**

**wherein said receiving and transmitting means is adapted to determine a
validity of said tire pressure data.**

**24. The system of claim 23, wherein said tire pressure data validity is
determined based upon a parameter relating to a physical distance between said
vehicle tire and said receiving and transmitting means.**

**25. The system of claim 24, wherein said receiving and transmitting
means is further adapted to receive said pressure data in the form of a wireless
signal, and wherein said parameter relating to said physical distance between
said vehicle tire and said receiving and transmitting means is determined based
upon a strength of said wireless signal.**

26. The system of claim 23, wherein said receiving and transmitting means is a transponder.

27. The system of claim 23, wherein said receiving and transmitting means is further adapted to selectively transmit said pressure data if said pressure data is valid.

28. The system of claim 27 further comprising a controller for receiving said transmitted pressure data from said receiving and transmitting means.

29. The system of claim 28, wherein said controller is adapted to provide information to a vehicle operator based upon said pressure data.

30. A tire pressure monitor system for a vehicle, comprising:
a first means for receiving and transmitting pressure data, said first receiving and transmitting means adapted to determine a first parameter relating to a physical distance between said first receiving and transmitting means and a source of tire pressure data;

a second means for receiving and transmitting pressure data, said second receiving and transmitting means adapted to determine a second parameter relating to a physical distance between said second receiving and said source of tire pressure data; and

a means for comparing said first and second parameters.

31. The system of claim 30, wherein said first and second means for receiving and transmitting pressure data comprise first and second transponders; and wherein said comparing means comprises an electronic controller.

32. The system of claim 30, wherein said first and second receiving and transmitting means are adapted to receive said pressure data in the form of a wireless signal.

33. The system of claim 32, wherein said first parameter relates to a signal strength of a tire pressure signal received by said first receiving and transmitting means; and wherein said second parameter relates to a signal strength of said tire pressure signal received by said second receiving and transmitting means.

34. The system of claim 33, wherein said comparing means is further adapted to provide tire pressure information to a vehicle operator based upon said comparison between said first and second parameters.


35. The system of claim 34, wherein said comparing means is further adapted to provide information to said vehicle operator relating to the physical location of said tire pressure data source.

REMARKS

Applicant has cancelled claims 1-22 and has added new claims 23-35. Entry of this Preliminary Amendment before examination on the merits is therefore respectfully requested.

Respectfully submitted,

Dated: January 9, 2002

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